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NOTICE OF ALLOWANCE AND FEE(S) DUE

ERICSSON INC.
6300 LEGACY DRIVE
M/S EVR 1-C-11

27045

07/23/2009

EXAMINER SU, SARAH ART UNIT PAPER NUMBER 2431

PLANO, TX 75024

DATE MAILED: 07/23/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/527 368	01/04/2006	Pasi Ahonen	D17580HS1	5710

TITLE OF INVENTION: SECURE BROADCAST/MULTICAST SERVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/23/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

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									(Signature)
									(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTC	RNEY DOCKET NO.	CONF	FIRMATION NO.
10/527,368	01/04/2006	I	Pasi Ahonen				P17580US1		5719
		ST/MULTICAST SERVI							
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE I	OUE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE		DATE DUE
nonprovisional	NO	\$1510	\$300		\$0		\$1810		10/23/2009
EXAM	MINER	ART UNIT	CLASS-SUBCLASS	3					
SU, S	ARAH	2431	713-163000						
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.						
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APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/527,368	10/527,368 01/04/2006		Pasi Ahonen	P17580US1	5719		
27045 7	27045 7590 07/23/2009			EXAMINER			
ERICSSON INC	2.			SU, SA	ARAH		
6300 LEGACY D	RIVE			ART UNIT	PAPER NUMBER		
M/S EVR 1-C-11 PLANO, TX 75024				2431			
FLANO, 1A 7302	. -1			DATE MAILED: 07/23/2009			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 416 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 416 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)		
Examiner-Initiated Interview Summary	10/527,368	AHONEN ET AL.		
Examiner initiated interview dammary	Examiner	Art Unit		
	Sarah Su	2431		
All Participants:	Status of Application:	_		
(1) <u>Sarah Su</u> .	(3)			
(2) Sidney Weatherford (45,602).	(4)			
Date of Interview: 7 July 2009	Time: <u>9:30 AM</u>			
Type of Interview: ☐ Telephonic ☐ Video Conference ☐ Personal (Copy given to: ☐ Applicant ☐ Applicant Exhibit Shown or Demonstrated: ☐ Yes ☐ No If Yes, provide a brief description: .	nt's representative)			
Part I.				
Rejection(s) discussed:				
Claims discussed: Claims 1, 7, 13, and 20 were discussed.				
Prior art documents discussed:				
Part II.				
SUBSTANCE OF INTERVIEW DESCRIBING THE GENER See Continuation Sheet	RAL NATURE OF WHAT WAS	DISCUSSED:		
Part III.				
 It is not necessary for applicant to provide a separate r directly resulted in the allowance of the application. The of the interview in the Notice of Allowability. It is not necessary for applicant to provide a separate r did not result in resolution of all issues. A brief summary 	e examiner will provide a writte ecord of the substance of the	en summary of the substance interview, since the interview		
/Sarah Su/ Examiner, Art Unit 2431 (A	.pplicant/Applicant's Representati	ive Signature – if appropriate)		

Continuation of Substance of Interview including description of the general nature of what was discussed: The applicant's representative has authorized an examiner's amendment consisting of the following:

In claim 1, line 8: delete "the registration message" and insert -the join request message-.

In claim 1, line 21: delete "the candidate subscriber" and insert -a candidate subscriber-.

In claim 1, line 22: delete "the certificate" and insert -a certificate-.

In claim 7, line 2: after "a secure IP multicast or broadcast", insert –by distributing security keys to the user using a key revocation based mechanism–.

In claim 7, line 3: delete "distributing security keys to users using a key revocation based mechanism".

In claim 7, after line 8, insert:

the user sending a join request message to a group controller, the join request message including the user's originating IPv6 address, a copy of the user's public key from the user's public-private key pair and triggering a verification wherein a digital signature is returned to the group controller, the digital signature generated by applying a cryptographic hashing function to the user's private key, from the user's public-private key pair, a random number and time stamp, both received from the group controller;

In claim 13, line 11: delete "a digital signature using" and insert –a digital signature, the digital signature generated by applying a cryptographic hashing function to–.

In claim 13, line 12: after "candidate member's public-private key pair", insert –, a random number and time stamp, both received from the group controller–.

In claim 13, line 16: delete "wherein the verifying means".

In claim 20, line 2: after "a secure IP multicast or broadcast", insert –by distributing security keys to the user using a key revocation based mechanism–.

In claim 20, lines 3-4: delete "means for distributing security keys to the user using a key revocation based mechanism".

In claim 20, after line 4: insert:

means for receiving a join request message from the user, the join request message including the user's originating IPv6 address, a copy of the user's public key from the user's public-private key pair;

means for verifying a digital signature generated by applying a cryptographic hashing function to the user's private key, from the user's public-private key pair, a random number and time stamp, both received from the group controller; In claim 20, lines 5-6: delete "a public-private key pair" and insert –the public-private key pair—.

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